

Title (en)

METHOD OF AND DEVICE FOR AIR TIME MANAGEMENT IN MULTI-ACCESS CHANNEL NETWORKS

Title (de)

VERFAHREN UND VORRICHTUNG FÜR SENDEZEITVERWALTUNG IN NETZWERKEN MIT KANÄLEN MIT MEHREREN ZUGÄNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GESTION DE TEMPS D'ANTENNE DANS DES RÉSEAUX DE CANAUX D'ACCÈS MULTIPLES

Publication

EP 2060070 A1 20090520 (EN)

Application

EP 07802006 A 20070830

Priority

- EP 2007007585 W 20070830
- EP 06425600 A 20060830
- EP 07802006 A 20070830

Abstract (en)

[origin: WO2008025549A1] An air time management method for multi-access channel networks is provided, suitable for use when the terminal stations (SS1...SSn) operate with adaptive modulation. A specific modulation (default modulation) is defined for each terminal station (SS1...SSn) in a planning phase. During operation, when bandwidth is to be allotted to an uplink or downlink communication (101), the base station (BS) checks (102) whether the concerned terminal station (SS1...SSn) is operating with a modulation more robust (i. e. less efficient) than the default one. In the affirmative, the base station allots to the communication a time slot whose duration is as needed for transmitting all data with the default modulation (105). In the negative, the base station (BS) allots the communication a time slot whose duration is as needed for transmitting all data with the current modulation (103).

IPC 8 full level

H04W 72/08 (2009.01)

CPC (source: EP US)

H04L 1/0006 (2013.01 - EP US); **H04L 1/0017** (2013.01 - EP US); **H04L 47/10** (2013.01 - EP US); **H04L 49/90** (2013.01 - US); **H04W 72/542** (2023.01 - EP US); **H04L 1/0003** (2013.01 - EP US); **H04W 72/56** (2023.01 - EP US)

Citation (search report)

See references of WO 2008025549A1

Designated contracting state (EPC)

DE GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008025549 A1 20080306; DE 602007013916 D1 20110526; EP 1914943 A1 20080423; EP 2060070 A1 20090520; EP 2060070 B1 20110413; US 2010022252 A1 20100128; US 8204509 B2 20120619

DOCDB simple family (application)

EP 2007007585 W 20070830; DE 602007013916 T 20070830; EP 06425600 A 20060830; EP 07802006 A 20070830; US 43948007 A 20070830